

PROJECT TITLE : CIGARETTE DEVELOPMENT, TECHNICAL REPORT  
PERIOD COVERED : January 23rd - February 29th 1980  
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363      DELAWARE      Swiss tar : 3.0 / Format : 25/80/7.95

In order to reach the Marketing objectives the development of this project will start in March on the following basis :

- A) Maryland blend type containing 27 % of expanded tobacco ETNA-CH.
- B) Concerning the cigarette supplies : a double filter, a PSP filter, cigarette papers from Schöller & Hösch and a micro-laser tipping paper will be tested.

Technical data of the filters

Double filter 100 mm (4 x 25 mm)

Tow : 2.5/48'000 Y, white / 5.0 / 40'000 X, black  
Additive : Charcoal Pica 14/35, not very active  
Paper : Schöller & Hösch, FU-POV 100 K  
Total RTD : 340 mm WG

PSP 100 mm (4 x 25 mm)

Basic specifications : FLU - 120  
Additives : Meerschaum 14/30 at 60 %  
Charcoal Pica 14/35 at 40 %  
Total RTD : 420 mm WG

271      COLORADO      Swiss tar : 3.0 / Format : 25/84.4/7.95

As the first series of prototypes did not reach the smoke yield objectives, a new blend was created to reduce the total alkaloids.

The following cigarette supplies will be tested :

Technical data of the filters

Double filter 100 mm (4 x 25 mm)

- A) Tow : 2.5/55'000 Y, white / 5.0 / 40'000 X, black  
Additive : Charcoal Pica 14/35, not very active  
Paper : Schöller & Hösch, FU-POV 100 K  
Total RTD : 400 mm WG

B) Tow : 2.5/48'000 Y, white / 5.0 / 40'000 X, black  
Additive : Charcoal Pica 14/35, not very active  
Paper : Schöller & Hösch, FU-POV 100 K  
Total RTD : 340 mm WG

PSP 25 mm (4 x 25 mm)

Basic specifications : FLU - 120

Additives : Meerschaum 14/30 at 60 %

Charcoal Pica 14/30 at 40 %

Total RTD : 420 mm WG

Cigarette paper : Ecusta 708

Tipping paper : Micro-laser (Malaucene)

278      EVEREST

The problems concerning the Burrus patent with "Meerschaum" could not be solved. Therefore the firm Baumgartner was contacted for the production of a triple filter for the new

FLINT, which will be launched beginning of May 1980.

The meeting with Baumgartner turned out to be positive : they can produce the new filter in a short period of time (Samples : end-February, first production : mid-April).

Triple filter characteristics

Configuration : 5/10/5 mm

Format : 7.80/120 mm

RTD : 440 mm WG

Plug 1 : Length : 80 mm / Diameter : 7.80 mm / Tow : 2.5/48'000 Y /  
Plastizicer : 10 % of Estrobond B / Paper : white, non-porous / RTD : 320 mm WG

Plug 2 : Length : 80 mm / Diameter : 7.80 mm / Tow : 5.0/40'000 X,  
black / Plastizicer : 8.5 % of CA-50- FI / Paper :  
FU-POV 40 L, porous / Additives : Meerschaum 14/30 at  
60 %, Charcoal Pical 14/30 at 40 % / RTD : 210 mm WG

Plug 3 : Length : 80 mm / Diameter : 7.80 mm / Filter material :  
Dico CAF 250 paper / Paper : white, non-porous

Remark : The plugs 1 and 3 are produced with a non-porous plug  
wrap, as the plug 2 is used to make the dilution.

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